GB2280377 (A

DE4425546 (A

## ELECTRIC PERCUTANEOUS CARDIAC PACING METHOD AND DEVICE

Publication number:

JP7144024

**Publication date:** 

1995-06-06

Inventor:

GEIRII EE FURIIMAN

Applicant:

ZMD CORP

Classification:

- international:

A61N1/362; A61N1/362; (IPC1-7): A61N1/362

- European:

A61N1/362B

Application number:

JP19940187894 19940719

Priority number(s):

US19930093817 19930719

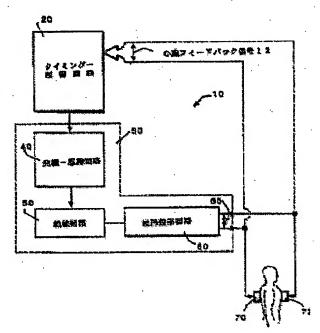
Report a data error he

Also published as:

## Abstract of JP7144024

PURPOSE: To stimulate a heart of a patient while reducing stimulation to the skin or a skeletal muscle of the patient by sending out a singel pulse row among plural individual pulse rows by an electrode pair different from an electrode pair to send out another single pulse row.

CONSTITUTION: An oscillating-driving circuit 40 generates a pulse flow, and an insulating circuit 50 offers the protection against an electric hazard for a patient by insulating interval voltage of a signal generator 10 from the patient. A waveform shaping circuit 60 inputs pulse row output of the insulating circuit 50, and generates pacing stimulation by changing a signal characteristic of a pulse row. Electrodes 70, and 72 give electric stimulation for percutaneous pacing of a heart to the patient. A timing control circuit 20 sets a timing characteristic of the pacing stimulation, and the pacing stimulation contains plural individual pulse rows, and at least a single pulse row among them is sent out by an electrode pair different from an electrode pair to send out another single pulse row.



Data supplied from the esp@cenet database - Worldwide